```
spreadsheetInterface = UnoRuntime.queryInterface(XSpreadsheetDocument,
documentRef);

allSheets = UnoRuntime.queryInterface(XIndexAccess,
spreadsheetInterface.getSheets());

theSheet = allSheets.getByIndex(0);

Cells = UnoRuntime.queryInterface(XCellRange,theSheet);

cellA1 = Cells.getCellByPosition(0,0);

theCell = UnoRuntime.queryInterface(XCell,cellA1);

theCell.setFormula("Hello World from JavaScript");
```

Python macros

Python is a high-level, general-purpose programming language that was first released in 1991.

When you select **Tools > Macros > Organize Macros > Python** on the Menu bar, Calc displays the Python Macros dialog (Figure 450).
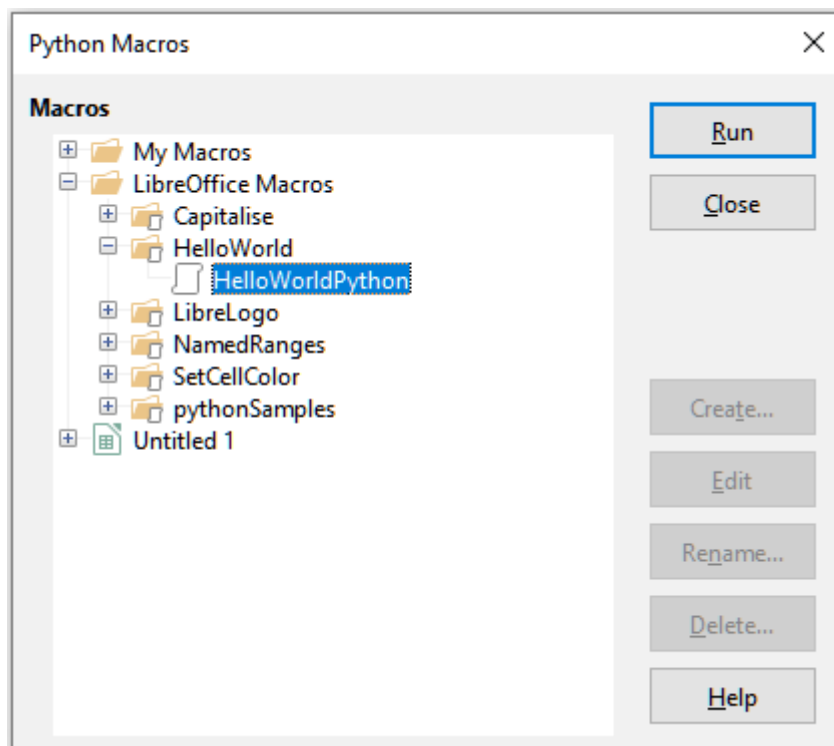

Figure 450: Python Macros dialog

Facilities to edit and debug Python scripts are not currently integrated into the standard LibreOffice user interface. However you can edit Python scripts with your preferred text editor or an external IDE. The Alternative Python Script Organizer (APSO) extension eases the editing of Python scripts, in particular when embedded in a document. Using APSO you can configure your preferred source code editor, start the integrated Python shell and debug Python scripts. For more information search for Python in the LibreOffice Help system and visit the *Designing & Developing Python Applications* section of The Document Foundation's wiki (https://wiki.documentfoundation.org/Macros/Python_Design_Guide) and the Help pages starting at (https://help.libreoffice.org/latest/en-US/text/sbasic/python/main0000.html).